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No. 49] NEW DELHI, SATURDAY, DECEMBER 3, 1988 (AGRAHAYANA 12, 1910)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III--SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 3rd December 1988

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(1247)

CORRIGENDUM

1. In the Gazette of India, Part III, Section 2, dated 10th September, 1988 under the heading 'Applications for Patents filed in the Patent Office Branch, Bombay-13 on page-885 to 886 & 887.

- (i) In respect of Patent Application No. 165/BOM/1988 in the title of invention for word PIN read as PIRN.
- (ii) In respect of Patent Application No. 187/BOM/1988 in the title of invention for word LIQUIRE read as LIQUID.
- (iii) In respect of Patent Application No. 193/BOM/1988 in the title of invention read as "A PROCESS FOR THE PRODUCTION OF A NEW ANTIBACTERIAL ANTIBIOTIC MERSACIDIN FROM A BACILLUS SPECIES Y-85.54728 (CULTURE NUMBER HOECHST INDIA LIMITED Y-85-54728) AND ITS MUTANTS AND VARIANTS.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARVA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970.

The 21st October 1988

- 865/Cal/88. Shri Subodh Kumar Mukherjee. Electrically heated single Drum Dryer with Applicator rolls.
- 866/Cal/88. Edward Harris Greenwals, Sr. Method and apparatus for separating clay from and then dewatering ultra fine coal.
- 867/Cal/88. Apricot S. A. Method and apparatus for forming a coherent beam of bosons having mass.
- 868/Cal/88. Voest-Alpine Maschinenbau Gesellschaft M.B. H. Reversing device for movable parts within the deflection area of a railway switch.
- 869/Cal/88. Voest-Alpine Maschinenbau Gesellschaft M. B. H. Reversing device for swivelable rails or movable frogs within the crossin area of a railway switch.
- 870/Cal/88. Voest-Alpine Maschinenbau Gesellschaft M.B. H. Reversing device for movable parts of a railway switch.
- 871/Cal/88. Manus Coffey and Norman Slack. A device for picking up, transporting and discharging containers of refuse or other materials.
- 872/Cal/88. Manus Coffey and Norman Slack. A vehicle.

The 24th October 1988

- 823/Cal/88. Loram Maintenance of Way, Inc. A rail grinding machine and a method of grinding rail road track rails. (Convention dated 4th May, 1988) Canada.
- 874/Cal/88. Siemens Aktiengesellschaft. Method for manufacturing melt materials of copper, chromium, and at least one readily evaporable component using a fusible electrode.
- 875/Cal/88. Contec-Chemieanlagen GmbH. Castable and/or pressable gas generator propellants.
- 876/Cal/88. Lyphomed, Inc. Pentamidine salts useful in the treatment and prophylaxis of pneumocystis carinii pneumonia.
- 877/Cal/88. Interactive Systems, Incorporated. Interactive video method and apparatus.
- 878/Cal/88. Indupack Ag. A method for filtering a heat-softened stream of plastics material and a filtering apparatus for executing the method.
- 879/Cal/88. Harry A. Fischer. Isocyanurate foam and method for producing the same.

The 25th October 1988

- 880/Cal/88. Ausimont S.r.l. Electrically conductive micro-emulsions based on perfluoropolyethers.
- 881/Cal/88. Ausimont S.r.l. Aqueous microemulsions comprising functional perfluoro-polyethers.
- 882/Cal/88. (1) Fritz Forster (2) Peter Weinwurm. Inorganic, insoluble industrial raw material producible from waste, method for its production and use.
- 883/Cal/88. White Consolidated Industries, Inc. Room air conditioner.
- 884/Cal/88. (1) Filial Vsesojuznogo Elektrotehnicheskogo Instituta Imeni V. I. Lenina USSR: (2) Vsesojuzny Nauchno-Issledovatel'sky I Konstruktor'sky Institut Molochnoi Promyshlennosti. USSR. Apparatus for vibratory cleaning the surface of an article from foreign matter.

The 26th October 1988

- 885/Cal/88. Hoechst Aktiengesellschaft. Pyridone-azo compounds, preparation and use thereof as dyes.
- 886/Cal/88. Hoechst Aktiengesellschaft. 2-Hydroxyvinylidene-azo compounds, preparation and use thereof as dyes.
- 887/Cal/88. Brita Wasser-Filter-Systeme GmbH. Water purification device with an intake funnel.
- 888/Cal/88. Brita Wasser-Filter-Systeme GmbH. Filter cover for a purification insert in a water treatment device with a hollow tube.
- 889/Cal/88. Werdine. Device for storing and regulated delivery of products under pressure.

The 27th October 1988

- 890/Cal/88. Caul Anton Nyston. Passive Universal Communicator. (Convention dated 27-10-1987, 2-5-1988, 8-6-1988 and 27-9-1988) Australia.
- 891/Cal/88. Heinz Georg Baus. Mixing Device.
- 892/Cal/88. MBW Messwandler-Bau Aktiengesellschaft. High-Voltage voltage transformer.
- 893/Cal/88. Fried Krupp Gesellschaft Mit Reschränkter Haftung. Protective device for submersible lance in steel making or the like.
- 894/Cal/88. Hanan Levin & Maura L. Huntington. Printed condom manufacturing system.
- 895/Cal/88. Sudip Kar. Method and apparatus for pre-treating turbid water from natural sources.
- 896/Cal/88. Catrel S. A. Society d' Etudes et d' application Industrielles. Process for converting refuse into a material in pellet form.

The 28th October 1988

- 897/Cal/88. Siemens Aktiengesellschaft. Distributor arrangement for telecommunications systems.
- 898/Cal/88. Siemens Aktiengesellschaft. Protecting device for a wiring field of a backplane of a sub-assembly carrier.
- 899/Cal/88. General Electric Company. Improved diamond growth process.
- 900/Cal/88. Memminger GmbH. Self-cleaning yarn or thread brake.
- 901/Cal/88. Manus Coffey, and Norman Slack. A device for loading of refuse garbage.

The 31st October 1988

- 902/Cal/88. E. I. Du Pont De Nemours and Company. Linear motor propulsion system.
- 903/Cal/88. Krone Aktiengesellschaft. Optical component for fiber-optic transmission systems.
- 904/Cal/88. The Babcock & Wilcox Company. Indexing sootblower.
- 905/Cal/88. Copeland Corporation. Scroll compressor.
- 906/Cal/88. Tsentralny Nauchno-Issledovatel'skiy Geologorazvedochny Institut Tsvetnykh i Blagorodnykh Metallov (TsNigri). Apparatus for monitoring the state of an elongated structure.
- 907/Cal/88. Belorusskiy Politekhicheskii Institut USSR. Method and apparatus for making blanks of a profile varying lengthwise.
- 908/Cal/88. Designer Premixes Inc. Process for producing phosphoric acid and low fluorine calcium phosphate, product produced thereby and methods of using the product.
- 909/Cal/88. Trade & Industry Private Limited. Apparatus for drying tea leaves.

The 1st November 1988

- 910/Cal/88. Gopeshwar Saha. A method of producing bricks blocks, slabs, roof tiles, floor tiles, wall tiles and other components for the construction of buildings and structures.
- 911/Cal/88. E. I. Du Pont De Nemours and Company. Photocurable electrostatic master having improved backtransfer and charge decay.
- 912/Cal/88. E. I. Du Pont De Nemours and Company. Process for preparing positive and negative images using photocurable electrostatic master.
- 913/Cal/88. E. I. Du Pont De Nemours and Company. Process for preparation of liquid electrostatic developer.
- 914/Cal/88. E. I. Du Pont De Nemours and Company. Photocurable electrostatic master containing electron acceptor or donor.

The 2nd November 1988

- 915/Cal/88. Eaton Corporation. Press-fit splined connection.
- 916/Cal/88. Westinghouse Electric Corporation. Improvements in or relating to dry fuel cell stack assembly.
- 917/Cal/88. Blower Engineering Inc. Steam Generator.
- 918/Cal/88. Santiago Otamendi Busto. Marine fish farm.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-5

The 3rd October 1988

- 838/Del/88. Saurabh N. Kinariwala, "A traverse drum".
- 839/Del/88. Anil K. Rajvanshi & Nimbkar. Agricultural Research Institute, "A lantern operable on a liquiduous such as kerosene".
- 840/Del/88. Council of Scientific and Industrial Research, "A novel process for the preparation of methyl ethyl ketone (2-Butanone) by oxidation of butenes".
- 841/Del/88. GKN Technology Limited, "Aluminum silicon alloy article and method for its produc-

tion". (Convention dated 19th October, 1987) (U.K.).

- 842/Del/88. Allevard Industries, "Clip for fastening a rail of a railway comprising displacement stopping means and spring clip".
- 843/Del/88. Alcan International Limited, "Joining metal components". (Convention date 7th October, 1987) (U.K.).

The 4th October 1988

- 844/Del/88. Dr. Pritam Pal Singh, "Viewing X-Ray films for purposes of diagnosis by doctors at large".
- 845/Del/88. Indian Drugs & Pharmaceuticals Limited, "An improved process for the purification of crude riboflavin".
- 846/Del/88. Allied-Signal Inc., "Polyamide nitrile rubber compositions".
- 847/Del/88. Vsesojuzny Nauchno-Issledovatel'skiy i Proektny Institut Aluminievoy, Magnievoj i Elektrodonoi Promyshlennosti, "Vacuum crystalizer".
- 848/Del/88. Karl Merz, "A fragmentation casing for a high explosive device".

- 849/Del/88. F. I. C. I. Finanziaria Industriale Commerciale Immobiliare S.P.A., "Apparatus for correctly feeding continuous strips with a shaped side outline to blanking machines".

- 850/Del/88. Guy Gaudfrin, "Press-filter with endless filtering webs".

The 5th October 1988

- 851/Del/88. Pont-A-Mousson S. A., "Gasket for locked telescopic joints".
- 852/Del/88. Emhard Industries, Inc., "Adjustable mounting for multiglob apparatus for straight line shearing".
- 853/Del/88. Norsk Hydro A. S., "Pneumatic dosimeter".

The 6th October 1988

- 854/Del/88. International Business Machines Corporation, "Tree structure database system". (Convention date 3rd August, 1988) (U. K.).
- 855/Del/88. Jean-Pierre Denis, "Projectile intended to be fired by a fire arm".
- 856/Del/88. Dr. M. Venkar Rajam, "Method of using inhibitors of polyamine metabolism to prevent contamination caused by phytopathogens in cultured cells and tissues in vitro".

The 7th October 1988

- 857/Del/88. The Protector & Gamble Co., "Laundering composition and process of preparation and use".

The 10th October 1988

- 858/Del/88. Escorts Ltd., "An auto engine stall device".
- 859/Del/88. The Secretary of State for Trade and Industry in her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Connecting rods". (Convention date 19th October, 1987) (U.K.).
- 860/Del/88. Politechnika Woroclawska, "Mechanical Biological sewage treatment plant".

The 11th October 1988

- 861/Del/88. General Foods Corporation, "A process for hydrolyzing a partially extracted roasted and ground coffee".
- 862/Del/88. British Pipe Coaters Ltd. and Bredero Price Services Ltd., "Method and apparatus for coating pipes".
- 863/Del/88. Compagnie Industrielle De Tubes Et Lampes Electriques CITEF, "Lightning arrester device comprising at least one fusible element".
- 864/Del/88. Poelain Hydraulics, Mechanism employing fluid under pressure provided with a rotor, a stator and a device for assembling these two elements".
- 865/Del/88. National Council for Cement and Building Materials, "A light weight bag for packaging of cement".
- 866/Del/88. Punjab Tractors Ltd., "A harvester combine".
- 867/Del/88. G. D. Zahir Hussain, "Studs with teeth around its head and a spanner for tightening".

The 12th October 1988

- 868/Del/88. Santa Barbara Research Center, "Real time adaptive sound discrimination fire sensor".
- 869/Del/88. Coal Industry (Patents) Ltd., "Briquetting process".
(Convention date 28th October, 1987) (U.K.).
- 870/Del/88. Council of Scientific & Industrial Research, "A process for the conversion of methane to ethylene by oxidative methane pyrolysis".

The 13th October 1988

- 871/Del/88. Sanden Corporation, "Flat motor".
- 872/Del/88. Loctite Corporation, "Fiber/resin composites, and method of making the same".
- 873/Del/88. Lt. Col. B. L. Birmani & Others, "An improved method and apparatus for monitoring the movement of security guards".
- 874/Del/88. Lt. Col. B. L. Birmani & Others, "An improved metal detector".
- 875/Del/88. Jitendra Pal Gupta, "Choke cum starter for fluorescent tube".

The 14th October 1988

- 876/Del/88. Bakhtawarlal Sood, "Bullock-Harvester".
- 877/Del/88. Otto Zoffinger, Inc., "A combined yarn tensioning control and stop motion unit".
- 878/Del/88. Williams Hi-Tech International Pty. Ltd., "Tea harvesting equipment".
- 879/Del/88. Exxon Research and Engineering Co., "Polyurea membrane and its use for aromatics/non-aromatics separations".
- 880/Del/88. Exxon Research and Engineering Co., "Thin film composite membrane prepared by suspension deposition of aromatics".

The 14th October 1988

- 881/Del/88. Exxon Research and Engineering Co., "Thin film composite membrane prepared by deposition from a solution".
- 882/Del/88. Exxon Research and Engineering Co., "Highly aromatic anisotropic polyurea/urethane memb-

ranes and their use for the separation of aromatics from non aromatics".

- 883/Del/88. Exxon Research and Engineering Co., "Highly aromatic polyurea/urethane membranes and their use for the separation of aromatics from non aromatics".
- 884/Del/88. Exxon Research and Engineering Co., "Highly aromatic polymer alloy membrane of polyurea and polyurethane for use in aromatic/non aromatic separations".
- 885/Del/88. Khosla Engineers, "An automatic wrapping machine".

APPLICATION FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATE, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400 013

The 10th October 1988

- 281/Bom/88. Anand Shripad Wagh. The new method for split drying with four cylinders on sizing machines—The neo-four system.

The 11th October 1988

- 282/Bom/88. Achyut Ramachandra Bhambure. An indicator to indicate accidental charging of electrical appliances.

The 12th October 1988

- 283/Bom/88. Hindustan Lever Limited. Detergent Composition.
12th October, 1987, Gr. Britain.
- 284/Bom/88. Hindustan Lever Limited. Hair treatment product.
15th October, 1987, Gr. Britain.

The 13th October 1988

- 285/Bom/1988. Ranjit Singh Jaswal. Improved positive locking means for pilfer evident tamper proof seal.

The 14th October 1988

- 286/Bom/1988. Sham Sunder Khanna. Accelerating the growth rate of Poultry birds and/or farm animals.
- 287/Bom/1988. Sham Sunder Khanna. Animals to increase milk yield and method of preparing the same.
- 288/Bom/1988. Nandan Ramdas Chittal. A powered mono-cycle.
- 289/Bom/1988. Nandan Ramdas Chittal. A railway under-carriage for motor vehicles.
- 290/Bom/1988. Kamalendu Mukherji. Advanced reciprocating conveyor system.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

The 10th October 1988

- 705/Mas.88. Amsted Industries Incorporated. Three Axle Railway Truck.
- 706/Mas/88. Akebono Brake Industry Co. Ltd. Brake Lining Bonding Apparatus.
- 707/Mas/88. Mobil Oil Corporation. Catalytic Hydro-dewaxing process.

The 11th October 1988

PRINTED SPECIFICATION PUBLISHED

708/Mas/88. Veera Ashwini Kumar, and Pannala Adisesha Sastry. Stair case ascending and descending material load carrier mechanical system.

709/Bom/88. P. Balachandar. Indicator attached switch.

710/Mas/88. Institut Francais Du Petrole. Process for treating a fermentation wort comprising a polysaccharide in order to increase its filterability and use of this wort in enhanced oil recovery.

711 Mas/88. Compagnie Generale des Etablissements Michelin. Process for detecting anomalies by use of pressure and temperature measurements in a tire-monitoring device.

712/Bom/88. Rhone Poulenc Chimie. Fireproofed poly machine particularly for twisted threads.

713/Mas/88. Officine Meccaniche Rivas r l. A Twisting machine particularly for twisted threads.

714/Mas/88. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. A device for conveying card slivers and a method for manufacturing a sliver guide.

715. Mas/88. Indian Space Research Organisation (I.S.R.O.). A process for gold plating on aluminium alloys.

The 12th October 1988

716/Mas/88. BBC Brown Boveri AG. Gate Turn-off semiconductor component and also circuit arrangement containing said component.

717/Mas 88. Monsanto Company. Crosslinked blends.

The 13th October 1988

718/Mas/88. F L Smith & Co. A. S. Vertical Roller Mill, (December 24, 1987; United Kingdom).

719/Mas 88. A. H. Robins Company Incorporated. Live vaccine against coccidiosis utilizing coccidial sporozoites.

The 14th October 1988

720/Mas/88. SA Marine AS. Method and apparatus for mine sweeping.

721 Mas/88. Miracle Enterprises Ltd. Portable Building.

722/Mas/88. Steve Fesher. Blanket assembly and selectively adjustable apparatus for providing heated or cooled air thereto.

A limited number of printed copies of the undernoted specifications are available for sale from the Patent Office Calcutta, and its branches at Bombay, Madras and New Delhi at two rupees per copy :—

(1)

157147	157148	157149	157150	157151	157152	157153
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PATENTS SEALED

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161905	161909	161922	161923	161925	161928	161931
161935	161991	161993	161995	162002	162009	162011
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162050	162051	162052	162083	162056	162055	162059
162069	162075	162190	162275	162289.		

No. of patents sealed month wise from 1st January, 1988 to 31st October, 1988

	JAN.	FEB.	MAR.	APR.	MAY.	JUNE	JULY	AUG.	SEP.	OCT.	TOTAL
INDIAN :	54	56	67	45	100	108	87	76	100	29	722
FOREIGN :	185	118	133	138	224	280	329	234	338	118	2097
TOTAL :	239	174	200	183	324	388	416	310	438	147	2819

RENEWAL FEES PAID

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145009	145131	145648	145683	145745	145932	146293
146414	146540	146854	146975	146995	147038	147149
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156690	156700	156815	156871	156887	156910	156911
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160482	160489	160494	160497	160579	160649	160657
160673	160689	160730	160753	160756	160789	160788
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CESSATION OF PATENTS

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144899	144905	144906	144907	144908	144911	144912
144913	144920	144921	144924	144925	144926	144927
144928	144931	144932	144933	144934	144935	144936
144938	144941	144944	144946	144948	144954	144955
144959	146647	153116	157851	158097	158236	158253
159304	159565	159678.				

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 154181 granted to Subhanjan Mohanty, for an invention relating to "a process for the manufacturing iron powder from millscale for powder metallurgy and other applications".

The patent ceased on 10-8-87 due to non payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 154390 granted to R & M Company for an invention relating to "a package of tiles".

the patent ceased on 3-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156781 granted to Bhushan Lal Mittal for an invention relating to "a shredder or fiberizer".

The patent ceased on the 8-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate with the Controller of Patents, The Patents Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 157815 granted to Hoechst Aktiengesellschaft and Rheinische Braunkohlewerke Aktiengesellschaft for an invention relating to "a process for making calcium carbide and synthesis gas."

The patent ceased on the 15-6-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patents Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156782 granted to Bhushan Lal Mittal for an invention relating to "a Shredder of fiberizer."

The patent ceased on the 8-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156779 granted to Dulux Australia Limited for an invention relating to "a process for preparing an aqueous dispersion of polymer suitable for use in a cathodic electrodeposition process."

The patent ceased on the 2-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3-2-89 under Rule 69 of the Patents

Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 158629 granted to Kersi Hormusji Kadadwalla for an invention relating to "a temper proof locking device for vehicle wheels and the Vehicle wheel comprising the same."

The patent ceased on the 14-4-88 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patents Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 149277 granted to Ahmedabad Manufacturing and Calico Printing Company Ltd. for an invention relating to "a method for the recovery of mercury from the effluents of the cell house of an electrolytic caustic soda plant."

The patent ceased on the 9-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patents Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(9)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 148937 granted to Ahmedabad Manufacturing & Calico Printing Company Limited for an invention relating to "a method of removing residual Chlorine from effluent liquids containing Calcium hypochlorite."

The patent ceased on the 9-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 3rd February 1989, under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting

out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(10)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 154389 granted to R & M Company for an invention relating to "Process for the manufacture of a glass tile".

The patent ceased on the 3rd July 1987 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office "Nizam Palace", 2nd M.S.O. Building, 5th 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 3rd February 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(11)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 158498 granted to Permelec Electrode Ltd. for an invention relating to "Cathode for electrolysis of acid solutions and process for the preparation thereof".

The patent ceased on the 22-9-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, "Nizam Palace", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-70000 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(12)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 149369 granted to Ahmedabad Manufacturing and Calico Printing Company Limited for an invention relating to "process for recovery of mercury from solid waste".

The patent ceased on the 9-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office 214, Acharya Jagadish Bose Road, Calcutta-700 017 on or before the 3rd February 1989 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting

out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(13)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141906 granted to Tractel Tirfor India Private Limited for an invention relating to "a device for composting of garbage."

The patent ceased on the 18-10-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office 214, Acharya Jagadish Bose Road, Calcutta-700 017 on or before the 3rd February 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(14)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156783 granted to Bhushan Lal Mittal for an invention relating to "a fiberizer for shredding or fiberizing fibrous materials."

The patent ceased on the 8-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office 214, Acharya Jagadish Bose Road, Calcutta-700 017 on or before the 3-2-89 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(15)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 147839 granted to Industrial & Agricultural Engineering Co. (Bombay) Limited and now I.A.E.C., India Limited for an invention relating to "a process for dyeing of strongly basic anion exchange resin to produce dyes anion exchange resin having self indicating property."

The patent ceased on the 15-7-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 13-8-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patents Office 214, Acharya Jagadish Bose Road, Calcutta-700 017 on or before the 3rd February 1989 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(16)

Notice is hereby given that an application for restoration of Patent No. 151195 dated the 5-4-80 made by Singh & Associates on the 4-2-86 and notified in the Gazette of India, Part III, Section 2 dated the 26-3-88 has been allowed and the said Patent restored.

(17)

Notice is hereby given that an application for restoration of patent No. 151196 dated the 5-4-80 made by Singh & Associates on the 4-2-86 and notified in the Gazette of India, Part III, Section 2 dated the 19-3-88 has been allowed and the said Patent restored.

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 159670. Dr. K. N. Mallik, 405/A Dr. R. V. P. Sinha Lane Salimpur Abra, Kadam Kuan, Patna-55832, Bihar, India, an Indian National, "Stove". 5th May, 1988.

Class 1. Nos. 159845 & 159846. Dripless Faucets (India), D-170-Okhla Industrial Area Phase-I, New Delhi-110020, India. An Indian Company. "Faucet". 20th June, 1988.

Class 1. No. 159850. Dripless Faucets (India) B-170-Okhla Industrial Area, Phase-I, New Delhi-110020 India. An Indian Company. "Massage Shower". 20th June, 1988.

Class 1. No. 159852. Dripless Faucets (India) B-170-Okhla Industrial Area, Phase-I, New Delhi-110020 India. An Indian Company. "Four Way Divertor". 20th June, 1988.

Class 1. No. 159853. Dripless Faucets (India) B-170-Okhla Industrial Area, Phase-I, New Delhi-110020 India. An Indian Company. "Dual Flow Shower". 20th June, 1988.

Class 1. No. 159928. Chceramban Verghese John, 17 K.P.R. Layout, Singanallur P.O., Coimbatore-641 005, Tamil Nadu, India, Indian National. "a Polydirectional television antenna". 11th July, 1988.

Class 3. Nos. 159600 & 159601. M/s. Shalimar Electronic Industries, Leader House, 9-B, Mahal Industrial Estate, Mahakali Caves Road, Andheri (East), Bombay-93, State of Maharashtra, India, an Indian Partnership firm. "Extension Cord". 13th April, 1988.

Class 3. 159743. Malika Dewan, an Indian National of BE-373A, Hari Nagar (Back Street No. 1), New Delhi-110069, India and Meenakshi Kumar, an Indian national of D-93, Amar Colony, Lajpat Nagar IV, New Delhi-110024, India, "Drawing Instrument". 25th May, 1988.

Class 3. No. 159843. Elcon Electric Industries, Shukla Industrial Estate, Opp. Ajit Glass, Jogeshwari (West), Bombay-400102, Maharashtra, India, an Indian Sole Proprietary Firm. "Double Knob Electric Switch". 17th June, 1988.

Class 3. Nos. 159861 & 159862. La Telemecanique Electrique, a French Corporation of 33 bis, Avenue du Marechal Joffre 92002 Nanterre, Cedex France, a "Thermal Relay Housing". 20th June, 1988.

Class 3. No. 159927. Chceramban Verghese John, 17 K.P.R. Layout, Singanallur P.O., Coimbatore-641 005, 2-357 GI/88

Tamil Nadu, India, Indian National. "a Polydirection television antenna". 11th July, 1988.

Class 4. No. 160024. Fab Soft Drinks Private Limited. An Indian Company at 3/119, 11th floor. Navjivan Society, Lamington Road, Bombay-400 008, State of Maharashtra, India. "Bottle". 10th August, 1988.

Extn. of Copyright for the Second period of five years.

Nos 156321, 154113, 153493, 153435,
153436, 153348, 153438, 153437 Class 1.

Nos. 153346, 153434, 153247, 155501 Class 3.

Nos. 153105, 153119, Class 4.

Extn. of Copyright for the Third period of five years.

No. 156321. Class 1.

Nos. 153346, 155501, 153226, Class 3.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS : 170 B+D [XLII(4)]

163868

Int. Cl. : C 11 d—9/02.

SOAP BASED DETERGENT COMPOSITIONS.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : MAYARA EASWARAN NARAYANAN NAMBUDDRY.

Application No. 192/Bom/85 filed on July 22, 1985.

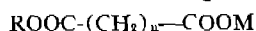
Complete after provisional left on 9th September, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

10 Claims

1. A soap-based detergent composition comprising :

A. 2 to 20% by weight of the total composition of an anionic material selected from water soluble salts of monoesters of the general formula :



— wherein R is a linear or branched alkyl or alkenyl group containing 4 to 12 carbon atoms, n is 2, 3 or 4 and M is a cation providing water soluble properties :

B. 98–80% by weight of the total composition made of

- (i) 60 to 95% by weight of salts of monocarboxylic acids made of :
 - (a) 60 to 100% by weight of salts of monocarboxylic acids having 16 to 22 carbon atoms; and
 - (b) 40 to 0% by weight of salts of monocarboxylic acids having 8 to 14 carbon atoms each of the said salt of the monocarboxylic acid having a cation providing water soluble properties; and
- (ii) other conventional ingredients.

Provisional specification 10 pages.

Drg. Nil

Compl. specn. 16 pages.

Drg. Nil

CLASS : 33 A+D

163869

Int. Cl. : B 22 D—37/00.

A POURING TUBE.

Applicant & Inventor : GREAVES FOSECO LIMITED, JOLLY BHAVAN NO. 2, 1ST FLOOR, NEW MARINE LINES, BOMBAY-400 020, MAHARASHTRA, INDIA.

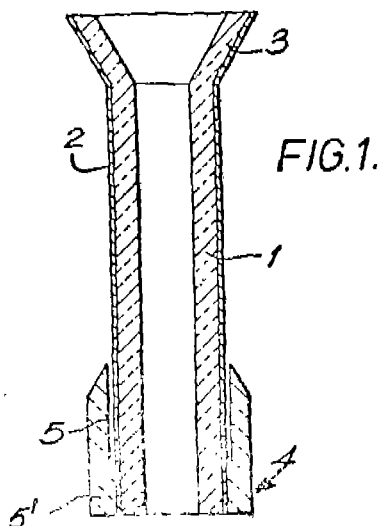
Application No. 240/Bom/1985 filed on September 6, 1985.

U.K. Convention Priority date 6-9-84.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

8 Claims

A pouring tube for use in the casting of molten metal consisting of a refractory heat-insulating tube portion encased by a sheet metal casing having over at least part of its length a protective heat-insulating sleeve characterised in that the said protective heat insulating sleeve and the said metal casing are spaced apart over at least a part of the length of the said sleeve.



Compl. specn. 9 pages.

Drg. 1 sheet

CLASS : 189

163870

Int. Cl. : A 61 K—7/00.

A PROCESS FOR PREPARING AN OIL-IN-WATER EMULSION SUITABLE FOR TOPICAL APPLICATION TO HUMAN SKIN.

Applicant : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : 1. JEAN PIERRE DENIS. 2. DAVID ARTHUR ROSSER.

Application No. 270/Bom/85 filed on October 4, 1985.

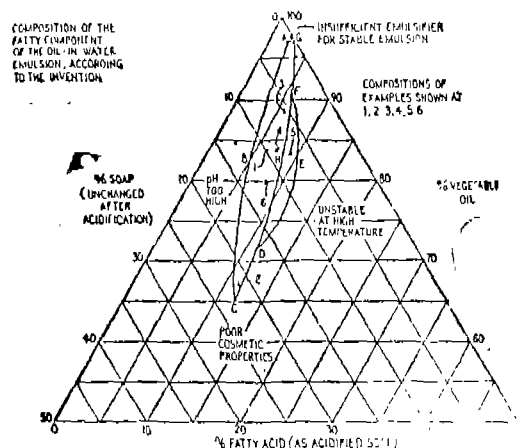
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

5 Claims

1. A process for preparing an oil-in-water emulsion suitable for topical application to human skin which process comprises the steps of :

- (i) preparing a dispersion comprising soap, water, mineral acid and vegetable oil at a temperature of from 60 to 100°C, the amount of mineral acid being sufficient to acidify only part of the soap so as to provide a mixture of soap and acidified soap, and adding emulsion adjuncts;
- (ii) mixing the dispersion so obtained to form an emulsion and cooling the said emulsion which comprises in the final composition by weight of the said emulsion:
 - (i) from 5 to 40% of a vegetable oil such as herein before described;
 - (ii) from 0.7 to 12% of an emulsifier comprising a mixture of :
 - (a) from 0.35 to 8% of soap, and
 - (b) from 0.35 to 6% of acidified soap;
 - (iii) the balance of emulsion in addition to water comprising emulsion adjuncts;

the oil and the emulsifier together forming a fatty component whose composition falls within the area designed ABCDHEFG on the diagram shown in the accompanying drawings.



Compl. specn. 24 pages.

Drg. 1 sheet

CLASS : 39 P, 130 I

163871

11 Claims

Int. Cl. : C 22 B—23/04.

A PROCESS FOR THE RECOVERY OF NICKEL SALTS FROM SPENT CATALYST.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : 1. DR. PRABUDDHA GANGULI, 2. DR. AYODHYA NATH BHAT, 3. KHANDERAO DEORAO GHUGE.

Application No. 302/Bom/1985 filed on 31st October, 1985.

Complete after Provisional left on 30th December, 1986. Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

21 Claims

A process for the recover of nickel salts from spent catalyst, said process comprises :

- (i) digesting the spent catalyst in a mineral acid such as herein described at room temperature to 100°C;
- (ii) removing impurities such as silica, iron and aluminium from the acid digest in a manner as herein described;
- (iii) treating the resulting acid solution with an oxidising agent such as herein described;
- (iv) selectively quantitatively precipitating the hydrous higher oxides of nickel in the acid solution by adjusting the pH of the acid solution to 8—8.5 with an aqueous alkali such as herein described such that impurities such as calcium and magnesium in the acid solution remain in the solution;
- (v) separating the precipitate in the solution in a known manner such as herein described;
- (vi) washing the precipitate with water;
- (vii) treating the precipitate with a mineral acid such as herein described in the presence of water; and
- (viii) removing suspended impurities such as calcium sulphate from the resulting acid solution in a known manner such as herein described.

Provisional specn. 22 pages.

Drg. Nil

Compl. specn. 32 pages.

Drg. Nil

CLASS : 36A₁, 163 D.

163872

Int. Cl. : FO 4 D—1/00, FO 4 D—29/40.

TWO STAGE MONOBLOC PUMP.

Applicant : KIRLOSKAR BROTHERS LIMITED, UD-YOG BHAVAN, TILAK ROAD, PUNE-411 002, MAHARASHTRA, INDIA.

Inventor : KAILASH CHANDRA BHOOTRA.

Application No. 230/Bom/1986 filed on August 18, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

A two stage monobloc pump comprising :
two impellers placed back to back and rotating in two separate delivery casings;;

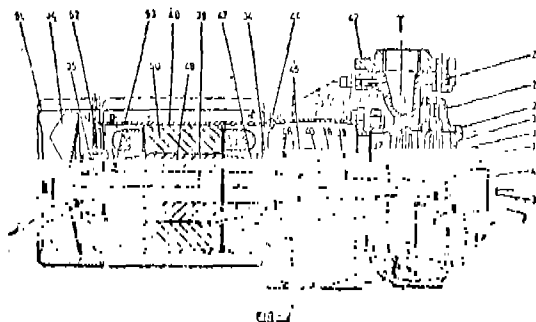
being first and second stage delivery casings;

each having a constantly increasing volute and the volute passage of the said first stage delivery casing is connected to the second stage impeller through a cross over;

a suction cover being clamped to the said first stage delivery casing;

a shaft passing through the said second stage delivery casing and the said two impellers being mounted on the said shaft by means of keys;

a mounting casing attached to the said second stage delivery casing, a motor body connected to the said mounting casing housing the rotor and the stator, which rotates the said shaft.



Compl. specn. 12 pages.

Drg. 2 sheets

CLASS : 179 E, G [XL (6)]

163873

Int. Cl. : B 65 D—41/00, 47/00.

AN IMPROVED CLOSURE HAVING TRIPLE FILFER RESISTANT SEALS FOR CONTAINER ORIFICE/NECK RING AND THE LIKE.

Applicants : PRECISION MOULDINGS PRIVATE LIMITED, G-43, VENUS APARTMENTS, WORLI SEA FACE, BOMBAY-400 018, MAHARASHTRA, INDIA.

Inventors : YOGESHKUMAR SANTDAS JAYSINGH.

Application No. 261/Bom/86 filed on September 17, 1986.

[PATENT OF ADDITION TO (27/BOM/1984) PATENT NO. 158758, DATED 1-12-84.]

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

2 Claims

An improved closure (1) having triple pilfer-resistant seals for container orifice/neck ring and the like as claimed in our main Indian Patent No. 158,758 wherein the improvement in or modification resides in providing said diaphragm (5B) forming second pilfer-resistant seal in a counter-sunk manner within said closure and a ring (R) forming shield-cum-grip integrally hinged (H) to one side thereof on top surface of said diaphragm.

Compl. specn. 5 pages.

Drg. 1 sheet

CLASS : 195 C & D [XXIX(3)]

163874

Int. Cl. : F16K—1/08, F16K—23/00.

AN IMPROVED VALVE/WATER TAP.

Applicant & Inventor : ERUCHSHA NARIMAN CONTRACTOR, C/102 VAIBHAV APARTMENTS, OLD PRABHADEVI ROAD, WORLI, BOMBAY-400 025, MAHARASHTRA, INDIA.

Application No. 280/Bom/86 filed on October 7, 1986.

Complete after Provisional left on October 6, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

2 Claims

An improved Valve/Water Tap comprising :

of a body having an inlet and an outlet;

a spindle having a handle at one end and the other end being attached inside a spindle holder, and provided with a washer assembly, the said washer assembly consisting of a washer completely encased in a washer holder and co-axially mounted on a pin;

the said pin projecting out of the washer and the washer holder and the projecting end being fitted with a plate co-axially on to the pin and held by a cotter pin;

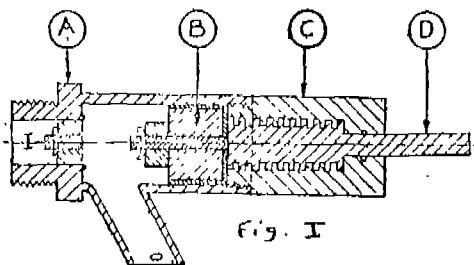
the said body being provided with two seats;

one flat for the washer holder, and the other rounded and slightly raised for the washer;

which provides adjustment for the washer for different water pressures in the supply line;

the said plate being provided to stop dirt from settling on to the said seats when the Water Tap is being shut off;

the arrangements being such that the said washer contacts the said rounded seat before the said washer holder contacts its own flat seat, thereby by passing all additional unnecessary pressure from the washer to the body.



Compl. specn. 4 pages.

Provisional specn. 3 pages.

Drg. Nil

Drg. 1 sheet

CLASS : 50 D, 23 H

163875

Int. Cl. : H01L—35/28.

A COOLING APPARATUS FOR COMPUTERS.

Applicant & Inventor : PRAKASH KRISHNA RATNA-PARKHI, OF PLOT NO. 17, KAWAN, AMAR CO-OP. HOUSING SOCIETY, ERANDAWANA, POONA-411 004, MAHARASHTRA, INDIA.

Application No. 298/Bom/86, filed on October 24, 1986.

Complete after Provisional left on November 26, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

7 Claims

A cooling apparatus for computers, comprising :

a double walled body consisting an air duct, a cooling fin being cooled by cooling means such as heat pump, provided within the said air duct; and

a set of fans mounted at the extreme ends of said double walled body, such that the first fan blows cool air cooled by the said cooling fin into the computer and the second fan extracts hot air from the computer and forces the hot air into the said air duct.

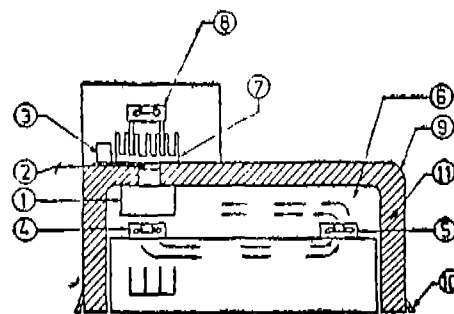


FIG. 1

Provisional specn. 3 pages.

Compl. specn. 9 pages.

Drg. Nil

Drg. 1 sheet

CLASS : 13 D

163876

Int. Cl. : A45C—13/26.

A PADDED HANDLE FOR A CONTAINER SUCH AS SUITCASE AND A CONTAINER SUCH AS SUITCASE HAVING THE SAME.

Applicant : V.I.P. INDUSTRIES, LTD., V.I.P. HOUSE, 88 C OLD PRABHADEVI ROAD, BOMBAY-400 025, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventor : SHASHIKANT LAXMAN KULKARNI.

Application No. 311/Bom/1986 filed on 10th November, 1986.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

7 Claims

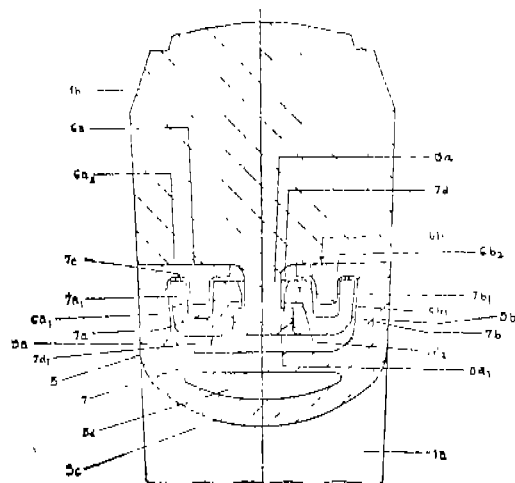
A padded handle for a container such as suitcase, said handle including a staple member made of strong and hard material such as herein described and comprising :

a pair of spaced apart confronting members and an interconnecting members;

the ends of said staple member being adapted to be fitted on said container;

a pad member locatable on the inner surface of said interconnecting member between said confronting members; and

an intermediate connector member locatable between said confronting members and between the inner surface of said interconnecting member said pad member and connector member being adapted to be interconnected and said connector member and the inner surface of said interconnecting member being adapted to be interconnected.



22 Claims

A lubricant additive for use with alcohol fuels, comprising from 94.0 to 98.5 wt % of a polyalkylene glycol of an alkene having 2 to 3 carbons, from 1.0 to 4.0 wt % of an amine selected from the group consisting of aromatic primary amines, aromatic secondary amines, aliphatic amines, cycloaliphatic amines, and mixtures thereof, and from 0.5 to 2.0 wt %, a phosphoric acid ester

Compl specn 27 pages

Dig Nil

CLASS 31-C, 97-H

163880

Int Cl H 05 b 3/14

A PROCESS FOR THE MANUFACTURE OF SILICON CARBIDE HEATING ELEMENTS

Applicant & Inventor SHRI KRISHAN KAPOOR, OF 9, TARA CHAND DUTTA STREET, CALCUTTA-700073, WEST BENGAL, INDIA

Application No 180/Cal/85 filed March 11, 1985

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

17 Claims

A process for the manufacture of silicon carbide heating elements which comprises the steps of admixing silicon carbide fines with a metallic oxide as herein defined oxide as filler in the ratio of 1.5 to 2.2 : 0.8 to 1.4 in the presence of a binder and an alkali, preparing a through blend thereof, preparing a wet mix of desired consistency, charging the said wet mix into a desired die, when desired heating the die to a temperature as herein defined sufficient to obtain substantially dried mix and finally subjecting the said dried mix to a step of baking to obtain self supporting heating element

Compl specn 9 pages

Drg Nil

CLASS 41

163881

Int SI F 01 n 3/00

IMPROVED CHIMNEY POLLUTANTS SWALLOWER

Applicant & Inventor SRI PRADIP KUMAR ROY, ROUTH LODGE, P O-ARJUNPUR, CALCUTTA-700059, INDIA.

Application No 815/Cal/85 filed November 18, 1985

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

1 Claim

1 An Improved Chimney Pollutant Swallower for automatic swallowing/absorbing of all types i.e. furnace/kiln/health/process/engine type chimney's environmental public health affecting unhealthy poisonous pollutant exhausts e.g. carbon monoxide, hydrogen sulphide, acidic fumes, sulphur oxides, paraffins, tar, olefins, pyrolytic acid, carbon, nitrogen peroxide, ash, industrial dust (jute/asbestos/berilium/cement/refractories/cotton/wood etc comprised of

(i) chimney top with curtailed height, having its top, emanating pollutant exhaust gas, brought nearer to ground level, the said chimney top being connected to the interconnector U pipe by flanged gasket bolting;

(ii) interconnector U-pipe having U shaped pipe joining chimney top at one end & joining L-Pipe at other end via flanged bolted gasket joints,

(iii) interconnector L-Pipe having a L-shaped pipe joining U-pipe at one end & joining multiple tubes flange of cooling tower at another end via flanged gasket joints, the said L-Pipe having circular/rectangular flange at the start but having circular flange at the end;

(iv) cold air blast jacket having a jacket shell joined by flanged gasket bolted joint to the two flanges, one at the end of L-Pipe & another at the start of U-pipe, the said jacket shell having two square mouth openings, one at the end of L-pipe for ambient air introduction & another at the start of U-pipe with a flanged mounting for a conventional exhaust fan;

(v) cooling tower cum Heat exchanger having a bundle of copper tubes joined at both ends with open mouths by two circular flanges, which are bolted & gasket jointed at starting end with the outlet flange of L-pipe, & at outlet end with the inlet flange of inlet damper of blower, the said two circular flanges having cylindrical shells wrapping the copper tubes like a jacket, the shells being jointed by welding at both side vertical transversal walls or a sheet steel rectangular box with both side shells passing through the same axis about which the bundle of copper tubes are arranged in several concentric circles, the said rectangular box having an annulus rectangular shaped top water sump with a central rectangular opening with flange mounting for holding an exhaust fan, the said rectangular box having on its top plate several rows of a series of closely perforated drills for water drip-dropping on corresponding rows of hook-suspended Khaskhas or wood filling sheets in vertical planes perpendicular to both side vertical transversal walls of the box, the said rectangular box having rectangular openings at each free end of both sides perpendicular to the both side vertical transversal walls of the box and provided with louver/perforated sheets by fly nuts against projected stud heads around the periphery of the openings of the box for introduction of ambient air, the said rectangular box having two baffle plates of full length joining both side transversal walls at both sides of the central copper tube bundles such that the cold air generated by evaporation of water droplets flowing via Khaskhas sheet suspensions at both ends becomes able to cool the bundles of copper tubes by an attack from the bottom, the said rectangular box having a bottom rectangular shaped corresponding bottom sump having a side water level indicator cum water pouring arrangement, the said rectangular box having an intermediate base above the water level in the bottom sump, the base carrying a pump & a motor with inlet pipe line from bottom sump to pump, with delivery pipe line from pump to top sump, the said top water sump having an overflow pipe line towards bottom water sump & the said bottom sump having two pipe line connections, one from the bottom sump to the surface condenser as a surface condenser inlet cooling water line, another from the surface condenser to the bottom sump as a surface condenser outlet hot water line;

(vi) blower with inlet damper & outlet damper, the square mouthed outlet damper being flange-bolt-gasket-mounted to the adaptor, & the circular mouthed inlet damper being flange-bolt-gasket-mounted to the outlet flange of the cooling tower;

(vii) adaptor having its square mouth, flange bolt-gasketed to the blower outlet damper & having its circular mouth flange-bolt-gasketed to the pollutant absorbant unit bottom flange;

(viii) pollutant absorbant unit having a vertical cylindrical shell with a flange jointed to the adaptor top by gasketed bolted joint, the said cylindrical shell having three or four vertical peripheral openings for allowing pollutant gas flow towards an annu-

lus conically divergent passage with equal width towards the free circular annulus shaped mouth dipped inside the constant volume absorbant liquid column contained in an annulus cylindrical through adjoined to the bottom flange of the cylindrical shell & supported structurally in position by four tie bars with bolted joint-one near the top lid flanged bolting joint of cylindrical shell & another near bolted flanged joint of outer top periphery of the trough, the said annulus cylindrical trough containing a equiverically spaced multi horizontal decked perforated-disc screen-grid of annulus cylindrical shape supported by four vertical rods outwardly armouring the grid & by four inclined rods inwardly armouring the grid at four locations 90° apart such that the grid is supported freely by the vertical inside cylindrical wall of the trough & by the inclined outside conical wall of the annulus conically divergent passage, the said annulus cylindrical trough having an overflow tapping at top & having a return tapping at bottom for regularising a vertically downward flow of absorbant liquid maintaining a constant column of the liquid inside the trough to effect a countercurrent intimate mixing of the liquid with the vertically upward flowing chimney pollutant gas trying to have an atomised bubbling escape through the liquid baffled with the grid;

- (ix) surface condenser of copper tubes through which flows the hot absorbant liquid & outside which flows cold water from cooling tower, the said surface condenser having hot absorbant-liquid inlet pipe line connection to its inlet header from ground level absorbant liquid tank via pumping unit, & having cold absorbant liquid outlet pipe line connection from its outlet header towards annulus cylindrical trough's top, the said surface condenser having inlet cold water pipe line connection from the bottom sump of the cooling tower & having outlet hot water pipe line connection directed to the said bottom sump of the cooling tower;
- (x) absorbant liquid/water Recycling pump unit having a pump run by a motor stationed at ground level for recycling the absorbant liquid in the annulus cylindrical trough & in the surface condenser;
- (xi) surface condenser cooling water recycling pump Unit having a pump run by a motor stationed at ground level for recycling the water from bottom sump of the cooling tower via the surface condenser with a purpose of cooling the absorbant liquid heated up by hot gas bubbling;
- (xii) absorbant liquid/water tank having two rectangular chambers sandwiched to each other, one for containing absorbant liquid & another for containing water-former being the system running fluid & the later being system cleaning fluid.
- (xiii) absorbant Liquid system Fluid having a gravimetric composition of 1.9% starch, 0.4% cuprous chloride, 1.9% ammonium hydroxide of 1 normality strength, 0.2% soap, 95.6% plain tap water.

Compl. specn. 12 pages.

Drg. 1 sheet

CLASS : 139-G.

163882

Int. Cl. : C 01 17/00.

PROCESS FOR PRODUCING GROUND SULPHUR FROM MELT THEREOF.

Applicant & Inventors : (1) VLADIMIR FEDOROVICH REUTSKY, OF NOVOYAVOROVSKY, I MIKROAION, 20, KV. 76 USSR; (2) ANDREI FEDOROVICH GRESKO, OF NOVY ROZDOL, PROSPEKT ZHOVTNEVY, 14, KV. 31, USSR; (3) ANATOLY STEPANOVICH KOSTYROKO, OF LVOV, ULITSA BASSFINAYA, 13, KV. 7, USSR; (4)

IVAN IVANOVICH ZOZULYA, OF NOVY ROZDOL, PROSPEKTUSSR; (5) IVAN DANILOVICH KRIYOSHEEV OF NOVY ROZOL, PROSPEKT ZHOVTNEVY 14, KV. 11, USSR; (6) JURY IVANOVICH GOLOVLEV, OF LVOV, ULITSA KULPARKOVSKAYA, 141, KV. 152, USSR; (7) NADEZHDA IOSIFOVNA KOBROVOLSKAYA, OF NOVY ROZDOL, PROSPEKT ZHOVTNEVY, 23, KV. 48, USSR.

Application No. 16/Cal/86 filed January 7, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for producing ground sulphur from a melt thereof, comprising cooling the melt and simultaneously granulating it, followed by recrystallizing the sulphur by the heating the granules for 30 to 60 minutes to the temperature of sulphur transition into its monoclinic modification and then cooling the granules to the temperature of sulphur transition into its rhombic modification and grinding the granules.

Compl. specn. 11 pages.

Drg. Nil

CLASS : 35-E.

163883

Int. Cl. : C 04 b 35/00; F 27 1/04.

PROCESS FOR THE MANUFACTURE OF SILICA REFRACTORY BRICKS.

Applicant : DALMIA INSTITUTE OF SCIENTIFIC & INDUSTRIAL RESEARCH AND ORISSA CEMENT LIMITED, BOTH OF RAJGANGPUR-770017, DIST.-SUNDARGARH, ORISSA, INDIA.

Inventors : 1. DR. JAJNYADATTA PANDA, 2. DR. NILACHAL SAHOO, 3. SANJEEV AGARWAL.

Application No. 30/Cal/86 filed January 17, 1986.

Appropriate office for opposition proceedings (Rule 4, patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A process for the manufacture of silica refractory bricks which comprises adding 0.5 to 5 parts by wt. of mixing of SiO₂-yielding compounds as herein described to 100 parts by wt. of particles of quartzite, sandstone silica grog and like siliceous materials with the addition or organic and/or inorganic binders, and with the optional addition of an additive, intimately mixing the ingredients with water to a mouldable consistency, moulding the wet mix into the shape of bricks, drying and firing the said bricks at a temperature of 1350 degree to 1500 degree C.

Compl. specn. 7 pages.

Drg. Nil

CLASS : 195-D

163884

Int. Cl. : F 16 k 41/00.

A ROTATIVE JOINT BETWEEN A VALVE MEMBER AND A VALVE STEM.

Applicant : KLEIN SCHANGLIN & BECKER AKTIENGESELLSCHAFT, OF POSTFACH 225, JOHANN-KLEINSTRASSE 9, D-6710. FRANKENTHAL (PFALZ), WEST GERMANY,

Inventors : 1. LUDWIG BACHMANN, 2. HEINZ-JURGEN RUCKERT.

Application No. 155/Cal/86 filed March 3, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A rotative joint for attachment of a valve member to a valve stem, comprising a ring mounted in a groove in an end of the valve stem, said ring engaging a shoulder on said stem, said stem end being received within a central recess in the valve member, said recess being defined by a wall that is swaged inwards engaging said ring, said ring being a resilient retaining ring with a circular radial cross section said shoulder being filleted in a manner to essentially correspond to the outer face of the retaining ring engaging it,

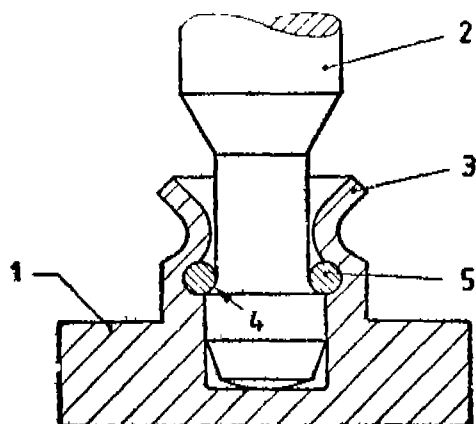


Fig. 1

Compl. specn. 6 pages.

Drg. 1 sheet

163885

Int. Cl. : G 21 c 3/16.

A REFRACTORY LINED, GASIFICATION REACTOR CHAMBER HAVING AN IMPROVED QUENCH RING AND DIP TUBE COMBINATION AT THE OUTLET THEREOF.

Applicant : TEXACO DEVELOPMENT CORPORATION, OF 2000 WESTCHESTER AVENUE, WHITE PLAINS, NEW YORK 10650, UNITED STATES OF AMERICA.

Inventor : 1. MICHAEL MARKEL DACH.

Application No. 346/Cal/86 filed May 2, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

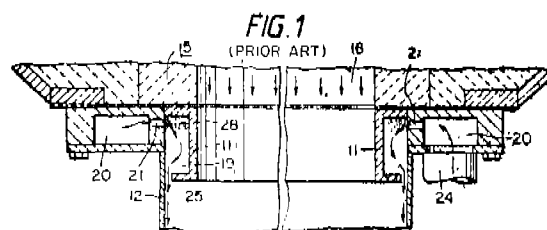
5 Claims

In a refractory lined, gasification reactor chamber (31) having discharge means for a hot product gas from an outlet (32) in the gasification reactor bottom, an elongated dip tube (35) depending from said reactor bottom having an inner wall which defines a central effluent passage for conducting said gaseous effluent from said outlet (32), an annular quench ring (36) registered in said dip tube (35) central effluent passage, defining an annular conduit (39) intermediate said dip tube inner wall and said quench ring

(36), coolant conducting means in fluid communication with a water supply, and forming an annular chamber (40) positioned adjacent to said annular conduit (39), and having at least one passage therein-inbetween to deliver a stream of water thereto, wherein the improvement comprises :

at least one perforated wall standpipe (48) extending between the top of said annular conduit (39) and opening into said central effluent passage;

whereby, hot gaseous effluent and water which enter said annular conduit (39) will be conducted by said at least one perforated wall standpipe (48) into said central effluent passage.



Compl. specn. 8 pages.

Drg. 1 sheet

CLASS : 50-B & D

163886

Int. Cl. : F 25 b 41/00.

ASH COOLER, PARTICULARLY FOR COOLING OF ASHES REMOVED FROM A FLUID FIRE PLACE.

Applicant : CKD DUKLA, KONCERNOVY PODNIK ZAVOD TATRA, KOLIN OF 312, OVČARECKS, KOLIN V, CZECHOSLOVAKIA.

Inventors : 1. JOSFF KREDBA, 2. PAVEL BERAN.

Application No. 259/Cal/86 filed May 8, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Ash cooler, particularly for cooling of ashes removed from a fluid fire place comprising :

a substantially vertical shaft with build-in tubular cooling elements which can be interconnected in the water circulation system of the boiler;

wherein two oppositely arranged walls of the cooler form at least one inlet chamber and at least one outlet chamber which are interconnected by a bank of cooling tubes, the shaft of the ash cooler being inclined toward the inlet chamber;

a cooled classifying tube grid arranged above the bank of cooling tubes with gaps between its tubes smaller than gaps between tubes of the bank of cooling tubes and with a larger inclination than the angle of repose of ashes;

an inlet opening for ashes being provided above the highest part of said classifying tube grid and an

opening for raking or removing sintered slag has provided above the lowest part of said grid.

163888

Int. Cl. : B 63 g 8/38.

VIEW PORT FOR AN UNDERWATER VEHICLE.

Applicant : HYDROVISION LIMITED, OF WESTHILL INDUSTRIAL ESTATE, WESTHILL, ABERDEEN, SCOTLAND AB3 6 TQ.

Inventor : 1. TERENCE DAVID WALKER.

Application No. 546/Cal/86 filed July 21, 1986.

Convention dated 23rd July, 1985 (18642) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An underwater vehicle having a view port which forms a component of a substantially spherical pressure hull and which is sandwiched between hull portions to provide a transparent section girdling the hull, wherein the view port is an equatorial (meridian) ring of transparent material providing though the ring from the centre of the hull of field of view in an equatorial (meridian) plane of substantially 360 degrees.

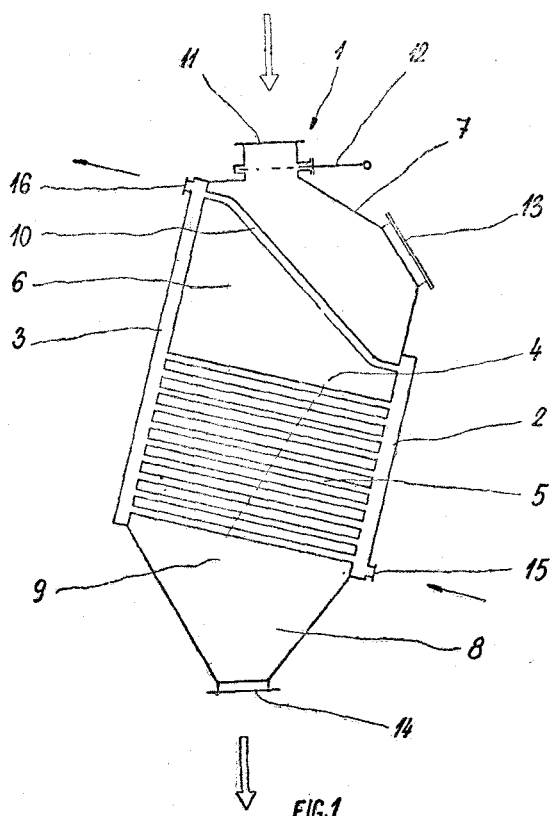


FIG. 1

Compl. specn. 10 pages.

Drg. 2 sheets

CLASS : 150-G

163887

Int. Cl. : E 02 b 3/16.

A SOCKET WITH A SEALING GASKET FOR TWO RELATIVELY MOVABLE MEMBERS.

Applicant & Inventor : ACHIM DAUME, OF ENGENSER WEG 1, 3006 BURGWEDEL 1, WEST GERMANY.

Application No. 180/Cal/86 filed March 11, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A socket with a sealing gasket for two relatively movable members on opposite sides of which there are chambers subject to substantially different pressures or substantially different pressures and temperatures characterised in that the sealing gasket comprises two coaxial hollow cylindrical layers (3, 4), the outer layer (4) consisting of graphite and the inner layer consisting of sealing cords of one or more of known materials such as asbestos, hemp, cotton, fibres of synthetic materials and the like generally used for sealing purposes.

Compl. specn. 9 pages.

Drg. 2 sheets

3-357GI/88

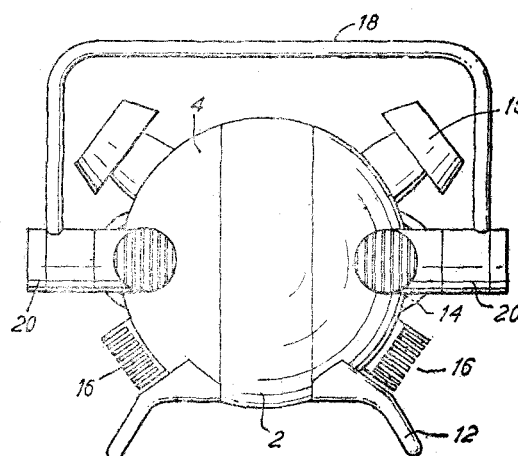


FIG. 3

Compl. specn. 6 pages.

Drg. 1 sheet

Int. Cl. : B 23 b 5/00.

DEVICE FOR PRODUCING "MUSIC BALLS".

Applicant : MUSICAL STRING RESEARCH BUREAU, OF P. O. BAIDYABATI, G.T. ROAD, DISTRICT HOOGHLY, WEST BENGAL, INDIA.

Inventor : 1. SRI RAMA PROSAD MUKHERJEE.

Application No. 864/Cal/84 filed Decemehr 12, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

163889

3 Claims

A device for producing "music balls" such as herein defined, out of metallic wire/rod, comprising a flat base made of wooden plank having an elongated channel substantially along its centre line, said base being adapted to be elevated from the ground level by supporting means, a rotatable holding means disposed to hold one end of a metallic wire/rod accommodated within and along the said channel of the base, the said holding means being operatively connected to a drive source for rotation thereof, and an adapter block made of wood, having a straight groove at its inner face, being placed on the said channel with the said straight groove facing the channel, the arrangement being such that on rotation of the rotatable holding means the metallic wire/

rod held thereby is caused to be rotated within the channel provided on the base, and also within the groove provided at the inner face of the adapter block, and free end of the metallic wire/rod, which is kept left over, is caused to be sheared according to the desired size, by a cutting means such as saw, with a circular/annular groove having been formed at its middle, with the said cutting means, prior to said shearing, to produce a "music ball" and production of such "music balls" is adapted to be continued by progressively moving the adapter block along the channel and over the rotating wire/rod, followed by forming the circular/annular groove and the cutting of the wire/rod, with the help of the said cutting means.

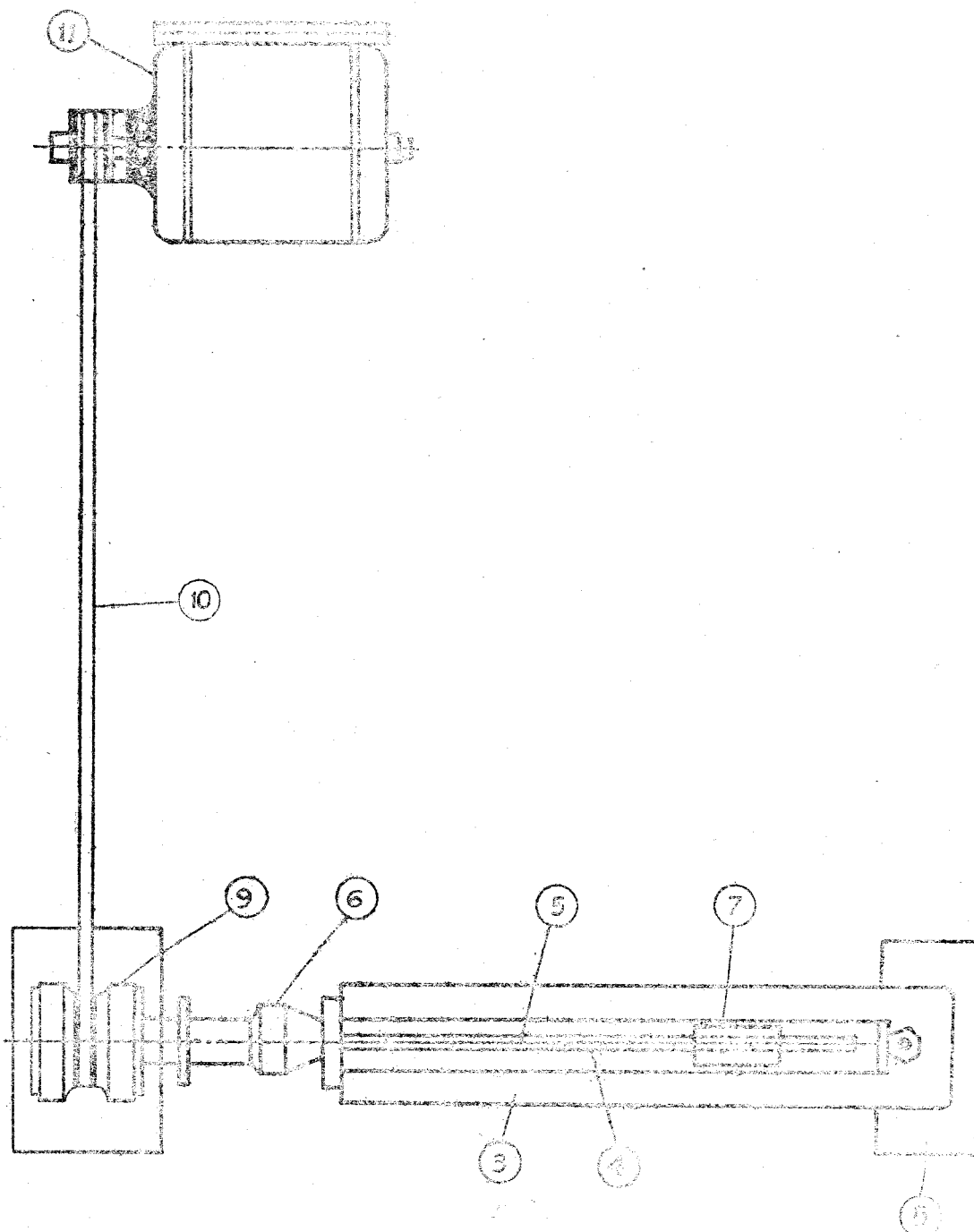


FIG. 2

CLASS : 27-I; 149-D.

163890

Int. Cl. : C 02 d 3/00.

DEVICE FOR IMPROVING THE STRENGTH PROPERTIES OF SOIL FOR THE PURPOSE OF SUPPORTING LOADS/CONSTRUCTION THEREUPON.

Applicant & Inventor : DR. ANIL KRISHNA KAR, BC 192 SALT LAKE CITY, CALCUTTA-700 064, WEST BENGAL.

Application No. 40/Cal/85 filed January 22, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A device for improving the strength properties of soil for the purpose of supporting loads/constructions thereupon comprising at least one shaft having pointed tip at the lower end for penetrating into the soil, rotatable excavating blades disposed on the lower end of the shaft for excavating the soil, in place, and mixing blades arranged on the lower end of the shaft for blending the slurry with the soil.

Compl. specn. 7 pages.

Drq. 1 sheet

second sensed conditions indicative of clutch cooling and means (126) for generating an override output signal when said override value equals a predetermined reference value.

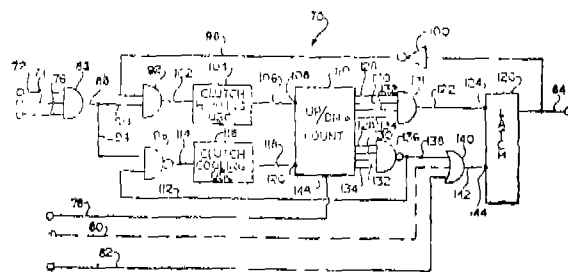


Fig. 1

Fig. 1

Compl. specn. 32 pages.

Dijs. 3 sheets

CLASS : 40-I

163892

Int. Cl. : G 01 n 7/00, 11/00.

A GAS ANALYZER ARRANGEMENT FOR ANALYZING THE PRESENCE AND/OR QUANTITY OF A GAS.

Applicant : THE BABCOCK & WILCOX COMPANY, 610 COMMON STREET, NEW ORLEANS, LOUISIANA 70160, U. S. A.

Inventor : I. DANIEL CHARLES BARNETT.

Application No. 168/Cal/85 filed March 6, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A gas analyzer arrangement for analyzing the presence and/or quantity of a gas from a test space, comprising :

- a probe extending into the test space;
- an input line connected to said probe;
- a gas analyzer connected to said input line for receiving gas to be sampled from said input line;
- an output line for discharging gas from said analyzer; sample aspiration means connected to said output line for drawing sample gas from the test space through said probe and through said input line, to said analyzer and through said output line;
- test gas aspiration means connected to said input line for equalizing a flow of gas in said input line with a flow of gas in said output line for stopping a flow of gas through said analyzer;
- flow measuring means connected to said input line for measuring a flow in said input line; and
- test gas supply means connected to said input line for supplying test gas to said input line at the selected flow rate for calibration of said analyzer.

Compl. specn. 11 pages.

Drq. 1 sheet

Int. Cl. : B 60 k 41/02; 41/08.

OVERRIDE PROTECTION CONTROL SYSTEM.

Applicant : EATON CORPORATION, AT 100 ERIEVIEW PLAZA, CLEVELAND, OHIO 44114, U. S. A.

Inventors : 1. ENEAS JAMES LANE, 2. RUSSELL CLYDE HOLMES, 3. RONALD KEITH MARKYVECH.

Application No. 71/Cal/85 filed February 1, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims

An override protection control system (70) for an automatic clutch control of the type automatically controlling a vehicle master clutch (14) drivingly interposed between a throttle controlled engine (12) and a change gear transmission (10), said master clutch having a first fully engaged mode, a second fully dis-engaged mode and a third partially engaged mode, said automatic clutch control having an information processing unit (30) for receiving a plurality of input signals including (1) an input signal indicative of engine speed (20) and (2) an input signal indicative of throttle controlling means (118) position, said processing unit including means for processing said input signals in accordance with predetermined logic rules and for generating operational output signals whereby said master clutch is operated (22) in accordance with said logic rules, said override control system being characterized by :

means (110) for maintaining an override value (128, 130, 132, 134) indicative of simulated current clutch friction surface operating temperature including means (104) for increasing said override value at a first rate in response to first sensed conditions indicative of clutch heating means (116) for decreasing said override value at second rate in response to

CLASS 136-E; 40-F.

163893

Int. Cl. : B 29 c 13/00; B 01 j 1/00.

IMPRINTABLE SHEET OF PLASTIC AND METHOD OF MAKING THE SAME.

Applicant : ESSELTE METO INTERNATIONAL GMBH, OF BRENTANOSSTRASSE, 6932 HIRSCHHORN/N, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. PETER KALUS, 2. HANNS-MARTIN VON TRUCHSESS.

Application No. 266/Cal/85 filed April 9, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

Imprintable sheet of plastic comprising a carrier sheet and a layer applied on at least one side for receiving an imprint, wherein said layer receiving the imprint consists of a firm polymer matrix and microporous finely divided solid particles embedded therein, and wherein said polymer matrix consists substantially of one or more of the following synthetic or natural polymer : Polyacrylates, polymethacrylates, polyesters, polystyrenes, poly-1, 3-dienes, polyamides, polyurethanes, polyvinylbutyral, polyvinyl acetate, alkyde resins, urea resins, , modified nitrocelluloses resins modified with shellack or colophony, starch, casein, and their mixed polymers and copolymers, and wherein said solid particles are microporous pigments and/or fillers, and wherein said carrier sheet consists of a plastic formed from non-polar monomer.

Compl. specn. 23 pages.

Drg. Nil

CLASS : 206-E.

163894

Int. Cl. : H 05 K 7/00.

A BOX-LIKE ELECTRONIC PRINTED CIRCUIT BOARD MODULE.

Applicant : SIEMENS AKTIENGESSELLSCHAFT, OF BERLIN AND MUNCH, WEST GERMANY.

Inventors : 1. GUNTHER DEINHARDT, 2. OTTO MEUSEL, 3. HEINZ-DIETER MUNCH, 4. SIEGFRIED SEIDEL.

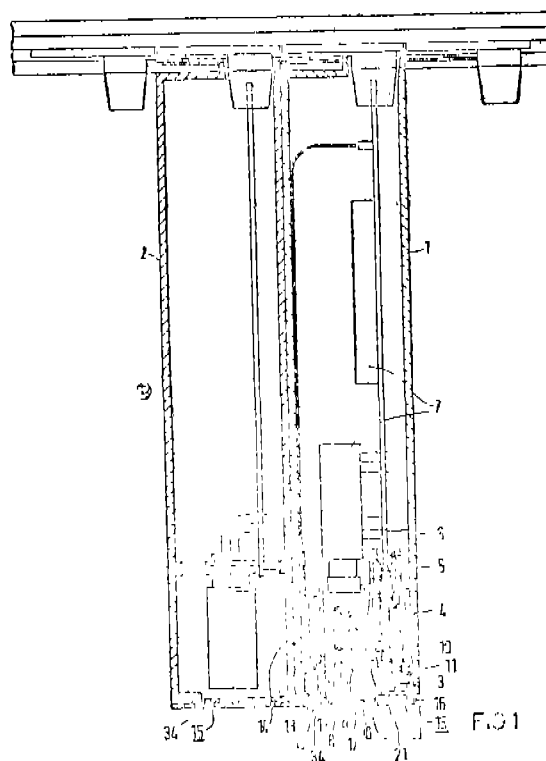
Application No. 353/Cal/85 filed May 7, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

A box-like electronic printed circuit board module containing a printed circuit board to which a multipoint connector is electrically and mechanically connected and is co-operable with connectors provided in a terminal unit pivotally mounted at a front side of the box-like module so as to be pivotable in and out of electrical connection with said multipoint connector wherein the pivotable terminal unit comprising electrical terminals to which conductors can be secured to provide connection between the conductors and

the printed circuit board via said connectors and said multipoint connector when the terminal unit is pivoted into electrical connection with said multipoint connector.



Compl. specn. 14 pages.

Drgs. 6 sheets

163895

Int. Cl. : B 41 j 1/00, 3/00.

A DEVICE FOR SELECTIVELY DRIVING A LINEARLY MOVABLE ELEMENT WITH A RECIPROCAL MOVEMENT MORE ESPECIALLY A PERFORATING PUNCH IN A PERFORATION MACHINE.

Applicant : SOCIETE D'APPLICATIONS GENERALES D'ELECTRICITE ET DE MECANIQUE SAGEM, OF 6, AVENUE D'LENA, 75783, PARIS, CEDEX 16, FRANCE.

Inventor : 1. ALEX KUHN.

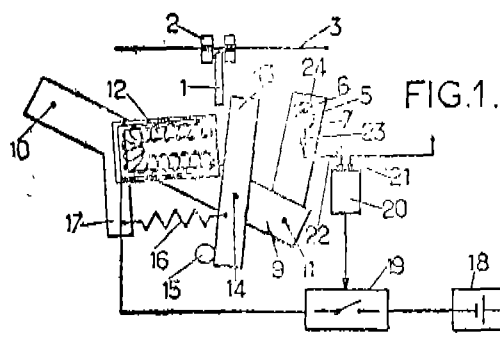
Application No. 704/Cal/85 filed October 4, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A device for selectively driving a linearly movable element (1) with a reciprocal movement, more especially a perforating punch in a perforation machine, for example a teletypewriter tape perforating machine, for example a teletypewriter tape perforating machine, such selective drive being effected under the control of electromagnetic means (12) and a mobile interpositioning arm (13) driven with a periodic movement by drive means and adapted to be controlled selectively by the electromagnetic means for being brought into engagement with the member to be driven and communicate its movement thereto, characterized in that it comprises means (9) for supporting the electromagnetic control means (12) which are driven by said drive means (5, 6, 8) and which are adapted so that the electromagnetic control means are also driven with a periodic movement of the same period as the movement of the interpositioning

arm (13), the means (9) for supporting the electromagnetic control means and the interpositioning arm being further adapted so that the interpositioning arm (13), at a predetermined moment of each period of movement, is brought suddenly into engagement with the electromagnetic control means (10), without being in engagement with the member to be driven (11), and in that synchronization means (20, 23) are provided so that, when the member to be driven is to be moved, energization of the electromagnetic control means is initiated solely at the above-mentioned predetermined moment of a period of movement when the interpositioning arm is substantially in engagement with the electromagnetic control means and so that such energization is interrupted solely at the corresponding predetermined movement of the following period of movement.



Compl. specn. 13 pages.

Drsgs. 2 sheets

CLASS : 32-E.

163896

Int. Cl. : C 08 f 15/04.

PROCESS FOR RECOVERING A MIXTURE OF UN-REACTED PROPYLENE AND ETHYLENE.

Applicant : MITSUBI TOATSU CHEMICALS, OF 2-5, KASEMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : 1. TADASHI ASANUMA, 2. YOSHIYUKI FUNAKOSHI, 3. TATUO OHOKA.

Application No. 866/Cal/85 dated December 4, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

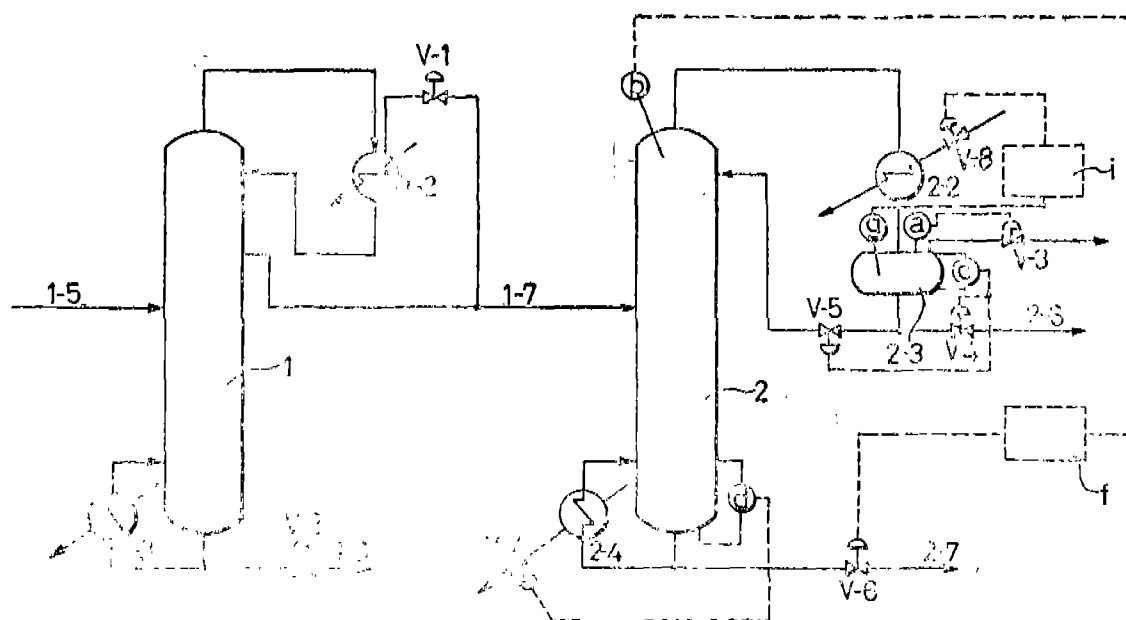
1 Claim

A process for recovering a mixture of unreacted propylene and ethylene which is used as at least a part of the propylene and ethylene which is introduced into a polymerization tank where said mixture is copolymerized, which comprises :

introducing a recovered mixture which is obtained as an evaporated material from a slurry which is a reaction product of block copolymerization of ethylene and propylene into a first distillation column at a first location other than the top or bottom of the first distillation column, and then withdrawing a fraction of components having boiling points higher than the boiling point of propylene from the bottom of the first distillation column, and withdrawing a fraction containing propylene and ethylene from the first distillation column at a second location between the top and said first location of the first distillation column; and

introducing said withdrawn ethylene-propylene fraction into a second distillation column, and withdrawing an ethylene-propylene mixture from the top of said second distillation column under conditions in which the pressure at the top of the second distillation column is maintained constant and the withdrawn ethylene-propylene mixture is cooled in a cooler which is cooled by control of the amount and/or temperature of a cooling medium fed to the cooler, thereby forming an ethylene-propylene condensate, maintained at a constant temperature which is then withdrawn as the ethylene-propylene mixture which is introduced into said polymerization tank, and withdrawing amounts of a bottom liquid consisting of propylene from said second distillation column such that the temperature at the top of said second distillation column is maintained constant,

FIG. 1



Compl. specn. 17 pages.

Drsg. 1 sheet

CLASS : 33-D, F & K.

163897

7 Claims

Int. Cl. : B 22 d 7/00.

A METHOD OF CASTING STEEL INGOTS AND A CAST IRON MOULD FOR CARRYING OUT THE METHOD.

Applicant & Inventor : SOMEN CHATTERJEE OF G. 43, BIDHAN NAGAR, DURGAPUR, DISTRICT-BURDWAN, WEST BENGAL, INDIA.

Application No. 676/Cal/86 filed September 10, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A method of casting ingots of steel comprising the steps of fitting a shell of steel sheet having substantially the same cross section as the cavity of a cast iron mould used for casting ingots, in the open top of the mould extending at its lower portion partly into the said cavity, fitting a hot top made of an insulating boards on the mould top, surrounding the shell, pouring liquid or molten steel into the mould allowing the said steel to cool and solidify, removing the said shell and the hot top and stripping the ingot formed off the mould.

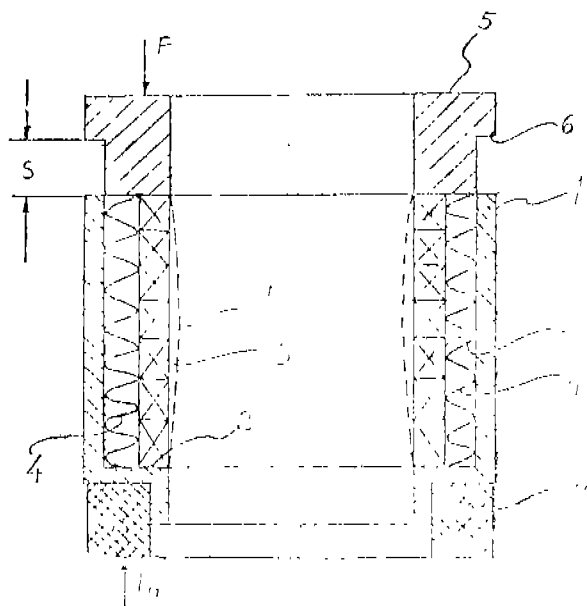


Fig. 1

Compl specn. 11 pages.

Drg. 1 sheet

An electric switch including two fixed contact parts and a movable contact bridge for electrically connecting the two fixed contact parts together, the bridge including two contact rollers which are mounted on, and project beyond both sides of, a slide which moves between the fixed contact parts and has been made by securing together two plates, each with at least one recessed face facing one another, the contact rollers being passed towards in the slide, the two fixed contact parts being disposed between and in contact with the two contact rollers when the switch is closed and the contact rollers rolling on respective opposite faces of both fixed contact parts when the slide is moved to open or close the switch.

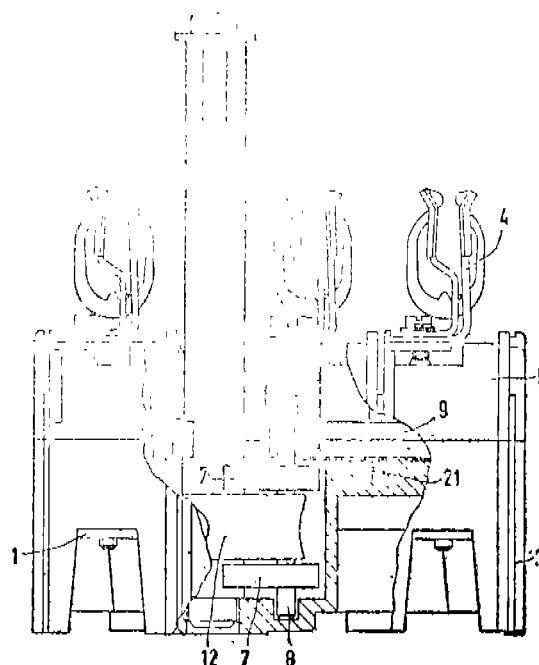


FIG 1

Compl. specn. 8 pages.

Drgs. 4 sheets

Int. Cl. : A 23 f 3/00

163899

Int. Cl. : H 01 h 1/00

163898

AN ELECTRIC SWITCH.

Applicant : SIEMENS AKTIENGESellschaft. OF WITTELSBACHERPLATZ 2 D-8000, MUNCHEN 2, WEST GERMANY.

Inventor : 1. MANFRED KRONES.

Application No. 767/Cal/86 filed October 21, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A MACHINE FOR CONTINUOUS MOVEMENT OF MATERIALS.

Applicant : PLAMAC (INDIA) PVT., LTD., OF 5 RAWDON STREET, CALCUTTA-700 017, WEST BENGAL, INDIA.

Inventor : ROMESH CHANDER PUNSHI.

Application No. 903/Cal/86 filed December 11, 1986.

Complete Specification left on 1st December, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

A machine for continuous movement of materials, such as green tea leaves, for the purpose of withering fermenting, drying, conveying and automatic feeding of said materials in a single or multiple streams, comprising one or more stationary elongate beds or conveyors, a plurality of bars or carriers, disposed transversely across each of said beds or conveyors at a predetermined distance from one another and adapted to be driven at predetermined speeds along the length of said beds or conveyors by a driving arrangement, means for spreading to a predetermined depth over said beds or conveyors the materials fed into the machine by a feeding device, means for scraping the materials from said beds or conveyors and means for allowing flow or suction of air of a predetermined temperature and relative humidity at a predetermined temperature and relative humidity at a predetermined rate and for a predetermined period through the materials fed into the machine.

Compl. specn. 24 pages.

Drgs. 4 sheets

Int. Cl.⁴ : G 01 N 31/00

163900

APPARATUS FOR DETERMINING THE CONCENTRATION OF TWO REACTIVE GAS COMPONENTS OF A MIXTURE.

Applicant : HARTMANN & BRAUN AKTIENGESELLSCHAFT, A GERMAN COMPANY, OF GRAFSTRASSE 97, 6000 FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventor ALOIS RUSE.

Application for Patent No. 526/Del/85 filed on 4th July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

Apparatus for determining the concentration of two reactive gas components as herein defined of a mixture comprising means for measuring the concentration of the component of higher concentration, supply means connected to said measuring means, including a reactor, for selectively delivering to said measuring means either said unreacted gas mixture or the gases resulting from reacted gas mixture or the gases resulting from reacted gas mixture and computing means connected to said measuring means for determining the difference between the values respectively obtained by the measuring means in the two supply modes of operation to obtain a value representative of the concentration of the component of lower concentration in said mixture.

Compl. specn. 8 pages.

Drg. 1 sheet

Int. Class⁴ : C08F 2/36

163901

A PROGRESS FOR SOLID STATE POLYMERIZING OF A POLYESTER PREPOLYMER.

Applicant : THE GOODYEAR TIRE & RUBBER COMPANY, a corporation organised under the laws of the State of Ohio, United States of America, having our principal place of business and a post office address at 1144 East Market Street, Akron, Ohio 44316-0001, United States of America.

Inventor : PAUL ROBERT WENDLING.

Application for Patent No. 560/Del/85 filed on 17th July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

(CLAIMS-8)

A process for solid state polymerising of a polyester prepolymer to a high molecular weight polyester resin in the presence of a stream of inert gas such as hereinbefore defined at an elevated temperature as hereinbefore defined characterised in that said inert gas is pulsed through the polyester prepolymer.

COMPLETE SPECIFICATION 13 PAGES.

Int. Class⁴ : B60T 1/06, F16D 49/00

163902

AUTOMATIC ADJUSTMENT STRUT FOR A DRUM BRAKE.

Applicant : BENDIX FRANCE, a French company, of Centre Paris Pleyel, 93521 Saint-Denis Cedex 01, France.

Inventor : ROBERT FIDANZA and MICHEL DENREE.

Application for Patent No. 574/Del/85 filed on 18 July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

(CLAIMS-7)

Automatic adjustment strut for a drum brake, intends to be mounted between two brake shoes (3, 4) comprising a metal strut body (5) and a screw and nut system (7) the screw of which (8) is housed in a housing (17, 18) in the strut body and the nut (11) of which cooperates selectively with a ratchet (12) which is firmly fixed to an elastic leaf (13) mounted on the strut body characterised in that the strut body (5) is a single piece and incorporates at least one protruberance (28) projecting relative to an outside surface (27) which is essentially flat, the protruberance (28) being secured in a hole (29) in the elastic leaf (13) for mounting the latter on the strut body (5) by crimping the said protruberance (28).

(COMPLETE SPECIFICATION 9 PAGES) (DRAWING SHEET 1)

Class⁴ : B65D 30/00

163903

AN IMPROVED JUTE BASED COMPOSITE BAG.

Applicant : NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS, M-10, South Extension II, Ring Road, New Delhi-49 An Indian Registered Society.

Inventor : HOSAGRAHARA CHANDRASEKHARIAH VISVESVARAYA, AJOY KUMAR MULLICK, CHRISTOPHER RAIKUMAR, JAYANT DATTATRAYA BAPAT, SHIV KUMAR DUBE.

Application for patent No. 615/Del/85 filed on 31st July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

2 Claims

An improved jute based composite bag for packing of cement and other fine powders comprising a front and back sheet with a value provided at an upper corner characterised in that the fabric consists of high density (pressure) polyethylene or polypropylene tape along with the jute threads in the warp and jute threads in the weft of the sheet, in an inter woven fashion said tape having a width of 3 to 4 mm and having tape ends per dm in the warp between 10 to 20, the jute threads ends per dm in the warp being in the range of 30 to 40, the jute thread picks per dm in the weft being between 35 to 50.

(COMPLETE SPECIFICATION 6 PAGES DRAWING 1 SHEET)

Int. Cl.¹ : F02B 77/04.

163904

Title : METHOD FOR RECONDITIONING OF CURVILINEAR COMPONENTS OF THE LEVER TYPE.

Applicant : VOLZHISKOJE OBEDINENIE PO PROIZVODSTVU LEGKOVYKH AVTOMOBILEI (AVTOVAZ), of ulitsa Belorusskaya, 16, Tolyatti, U.S.S.R., a state owned organisation of U.S.S.R.

Inventors : VALERY VLADIMIROVICH GAIDUK, JURY ALEXANDROVICH KORATEEV, JURY PAVLOVICH VASILIEV, GENNADY VASILIEVICH BEZBORODOV, ALEXEI FEDOTOVICH OSIPOV, ALEXANDR MINOVICH MENDEL, EVGENY VASILIEVICH AFANASIEV, JURY ABRAMOVICH FRIDMAN, VLADIMIR ALEXEEVICH ZHESTKOV & JULY LEONTIEVICH KOSORUKOV.

Application for Patent No. 625/Del/85 filed on 1st Aug. 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

(CLAIMS-2)

A method for reconditioning curvilinear components, such as arms or levers, consisting in that a load is applied to the component being reconditioned on both sides of the wornout area thereof close to said wornout area, and the component is bent around a bearing surface opposite to the wornout area, thus providing the feed of the material of the component itself from the areas adjacent to the wornout area, to said area itself, whereupon the component is subjected to mechanical treatment as herein defined, wherein an insert is fitted on the side of the wornout area opposite to one of the load application spots, said insert having a configuration similar to that of a fresh component, and the load is applied until the wornout area acquires the surface configuration of the insert.

(COMPLETE SPECIFICATION 7 PAGES DRAWING SHEET 1).

Int. Cl.¹ : A45C, 13/22, 13/28.

163905

STEERING HANDLE FOR A WHEELED LUGGAGE CASE.

Applicant : SAMONITE CORPORATION, a corporation organised and existing under the laws of State of Colorado U.S.A., of 11200 East Forty-Fifth Avenue, Denver, Colorado 80239, United States of America.

Inventors : STEPHEN TIMOTHY GREEN, and WILLY VAN HOYE.

Application for Patent No. 671/Del/85 filed on 19th August, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

(CLAIMS-8)

A steering handle for a wheeled luggage case for steering the case when it is being rolled along the ground which comprises a handle pivotally connected to the shell of said case or to mounting means provided with said shell whereby said handle is capable of movement between a first or closed position in which the handle lies adjacent said shell and a second or extended position in which the handle projects from said shell, a stay of resilient flexible material extending between said handle and said shell for limiting the movement of said handle from said first position to said second position,

one end of said stay being connected to said handle at a position spaced away from the pivotal connection of the handle to said shell towards the free end of said handle and means provided within said shell or said mounting means for flexing and holding said stay in flexed condition when said handle is in said first position whereby said stay by virtue of its resilience exerts a force on said handle causing it to remain in its first position.

Compl. Specn. 10 pages.

Drg. sheets 4

CLASS : 32E.

163906

Int. Cl. : C08f 214/06, 218/08.

A PROCESS FOR THE PREPARATION OF COPOLYMER OF VINYL CHLORIDE AND VINYL ACETATE.

Applicant : SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH, 19 University Road, Delhi-110007, India, an Indian Institute, Registered under the Society Act.

Inventor : VED PRAKASH MALHOTRA, RAJINDER KUMAR DIWAN, NAVINDU GUPTA, JOHN GEORGE.

Application for Patent No. 680/Del/85 filed on 20th August 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

(CLAIMS-5)

A process for the preparation of copolymers of vinyl chloride and vinyl acetate containing upto 15% of vinyl acetate which comprises in the steps of (a) charging a reactor with a charge comprising water, a suspending agent as herein described, a catalyst as herein described in the amount of .04-.06% a heat stabilizing agent as herein described, (b) evacuating the reactor after addition of said charge, (c) adding vinyl acetate and a chain transfer agent as herein described in an amount of .5-1% to said charge, (d) then adding vinyl chloride thereto, (e) subjecting the reaction medium to the step of agitation and heating as herein described till the copolymer contains upto 15% of vinyl acetate.

(COMPLETE SPECIFICATION 7 PAGES).

CLASS : 98 I.

163907

Int. Cl.¹ : F24j 3/02.

PHOTOVOLTAIC CELL MODULE.

Applicant : THE STANDARD OIL COMPANY, an Ohio corporation, having a place of business at Patent & License Division, Midland Building, Cleveland, Ohio 44115, United States of America.

Inventors : RONALD CARL CULL, PAUL EDWARD KOCH and ROBERT ARNOLD HARTMAN.

Application for Patent No. 713/Del/85 Filed on August 30, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

14 Claims

A photovoltaic cell module comprising

a plurality of individual photovoltaic cell strips, each said cell strip having an electrically conductive substrate layer, a semiconductor body deposited on said substrate layer, and a transparent electrically conductive layer deposited on said semiconductor body;

said cell strips being electrically interconnected with each other by continuous electrically conductive filament means, said filament means extending alternately and repetitively between, and connected to, said conductive substrate layer of one said photovoltaic cell strip and said transparent electrically conductive layer of another said photovoltaic cell strip; and

said transparent electrically conductive layer of one said photovoltaic cell strip being electrically interconnected to a busbar means.

Compl. Specn. 22 pages.

Drg. sheets. 5

Int. Cl.⁴ : C02F, 1/00.

163908

REACTION VESSEL FOR METHANE REACTOR FOR THE ANAEROBIC TREATMENT OF CONTAMINATED LIQUIDS.

Applicant : SULZER BROTHERS LIMITED, of CH-8401 Winterthur, Switzerland, a company incorporated under the laws of Switzerland.

Inventors : HERMANN LUHRs and JURGEN PREETZ.

Application for Patent No. 772/Del/85 filed in 23rd September, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents rules 1972) Patents Office Branch, New Delhi-110005.

7 Claims

A reaction vessel for a methane reactor for the anaerobic treatment of contaminated liquids such as sewage, said vessel comprising a reaction chamber containing the liquid to be treated and, above the liquid level, a gas chamber sealed off from the environment, characterised in that said reaction chamber is provided internally with at least one partition disposed at or near the upper level of said liquid, said partition creating within said reaction chamber a sub-chamber said sub-chamber being provided therein with at least one lamellar flowback for separating biomass contained in said contaminated liquid from the liquid content thereof.

Compl. Specn. 14 pages.

Drgs. sheets. 4

Int. Cl.⁴ : F16B, 1/00, 45/00.

163909

CLAMPING RING WITH VARIABLE BORE SIZE.

Applicant : SKF NOVA AB, A SWEDISH COMPANY, OF S-415 50 GÖTEBERG, SWEDEN.

Inventor : RUNE ADOLFSSON and BENGT LUNDGREN

Application for Patent No. 799/Del/85 filed on 30th September, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents rules 1972) Patents Office Branch, New Delhi-110005.

6 Claims

A clamping ring with variable bore size comprising at least one slot (3) between two halves ring parts (1, 2) each having a radially extending flange (4, 5) which limits the slot, characterised in that the said flanges (4, 5) are surrounded by one or two clamping member (9), an outer surface (7, 8) of said flange co-operating with a corresponding inner surface (10, 11) of the clamping member, the sections of said surface (7, 8, 10, 11) with a plane across the slot parallel to the axis of the clamping ring constituting straight lines which form an angle (α), the clamping member being annular and made in one piece, and screw means (12, 15) provided between the clamping member and at least one of the ring parts for displacing the clamping member in relation to the flanges (4, 5).

Compl. shpcn. 7 pages.

Drgs. 2 sheets

R. A. ACHARAYA
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